

WHAT IS CLAIMED IS:

1. A one-way clutch comprising:

an outer ring fitting member including a hole, in which a recess portion is formed at an inner peripheral
5 face of the hole;

a shaft passed through the hole of the outer ring fitting member;

an annular outer ring including a plurality of cam faces on an inner peripheral face thereof, which is fitted
10 into the hole of the outer ring fitting member and through which the shaft is passed;

a plurality of rollers arranged between the shaft and the annular outer ring so as to correspond to the plurality of cam faces, respectively; and

15 an annular retainer for retaining the plurality of rollers fitted to the outer ring, the retainer including,

an axially projected portion projected from the outer ring in an axial direction thereof, and

a projection projected from the axial
20 projected portion in a radial direction of thereof, which is fitted to the recess portion of the outer ring fitting member.

2. The one-way clutch according to claim 1, wherein
25 the retainer includes a plurality of urging members for

urging the plurality of rollers in a peripheral direction thereof, respectively.

3. The one-way clutch according to claim 1, wherein

5 the retainer includes a plurality of radial projected portions formed at an outer periphery thereof,

the outer ring includes a plurality of recess portions extending from the plurality of cam faces, respectively, and

10 the plurality of radial projected portions and the plurality of recess portions are fitted with each other to prevent turning of the retainer relative to the outer ring.

15 4. The one-way clutch according to claim 3, wherein

a number of the plurality of radial projected portions corresponds to a number of the plurality of recess portions.

20 5. The one-way clutch according to claim 1, wherein

a plurality of radial projected portions and the plurality of recess portions are fitted with each other by providing a pertinent clearance therebetween.

25 6. The one-way clutch according to claim 1, wherein

a plurality of the recess portions are formed at the inner peripheral face of the hole, which extend in the axial direction.

- 5 7. The one-way clutch according to claim 6, wherein
the outer ring includes a plurality of portions
expanded from portions of an outer peripheral face
corresponding to the plurality of cam faces, and
the plurality of expanded portions are fitted to
10 the plurality of recess portions of the hole.